

Steps: (1) Divide (2) Multiply (3) Subtract (4) Bring down the next number (5) Repeat if needed

(1)

$$9 \overline{) 93875}$$

(2)

$$7 \overline{) 12322}$$

(3)

$$2 \overline{) 45880}$$

(4)

$$4 \overline{) 59459}$$

(5)

$$3 \overline{) 48769}$$

(6)

$$8 \overline{) 78987}$$

Steps: (1) Divide (2) Multiply (3) Subtract (4) Bring down the next number (5) Repeat if needed

Also see our Worksheets and Walkthroughs video: "Division - Traditional Long Division Algorithm Method Word Problems"

<p>(1)</p> $ \begin{array}{r} 10430 \text{ R5} \\ 9 \overline{) 93875} \\ \underline{- 9} \qquad (1 \times 9) \\ 03 \\ \underline{- 0} \qquad (0 \times 9) \\ 38 \\ \underline{- 36} \qquad (4 \times 9) \\ 27 \\ \underline{- 27} \qquad (3 \times 9) \\ 05 \\ \underline{- 0} \qquad (0 \times 9) \\ \text{Remainder --> } 5 \end{array} $	<p>(2)</p> $ \begin{array}{r} 1760 \text{ R2} \\ 7 \overline{) 12322} \\ \underline{- 7} \qquad (1 \times 7) \\ 53 \\ \underline{- 49} \qquad (7 \times 7) \\ 42 \\ \underline{- 42} \qquad (6 \times 7) \\ 02 \\ \underline{- 0} \qquad (0 \times 7) \\ \text{Remainder --> } 2 \end{array} $	<p>(3)</p> $ \begin{array}{r} 22940 \text{ R0} \\ 2 \overline{) 45880} \\ \underline{- 4} \qquad (2 \times 2) \\ 05 \\ \underline{- 4} \qquad (2 \times 2) \\ 18 \\ \underline{- 18} \qquad (9 \times 2) \\ 08 \\ \underline{- 8} \qquad (4 \times 2) \\ 00 \\ \underline{- 0} \qquad (0 \times 2) \\ \text{Remainder --> } 0 \end{array} $
<p>(4)</p> $ \begin{array}{r} 14864 \text{ R3} \\ 4 \overline{) 59459} \\ \underline{- 4} \qquad (1 \times 4) \\ 19 \\ \underline{- 16} \qquad (4 \times 4) \\ 34 \\ \underline{- 32} \qquad (8 \times 4) \\ 25 \\ \underline{- 24} \qquad (6 \times 4) \\ 19 \\ \underline{- 16} \qquad (4 \times 4) \\ \text{Remainder --> } 3 \end{array} $	<p>(5)</p> $ \begin{array}{r} 16256 \text{ R1} \\ 3 \overline{) 48769} \\ \underline{- 3} \qquad (1 \times 3) \\ 18 \\ \underline{- 18} \qquad (6 \times 3) \\ 07 \\ \underline{- 6} \qquad (2 \times 3) \\ 16 \\ \underline{- 15} \qquad (5 \times 3) \\ 19 \\ \underline{- 18} \qquad (6 \times 3) \\ \text{Remainder --> } 1 \end{array} $	<p>(6)</p> $ \begin{array}{r} 9873 \text{ R3} \\ 8 \overline{) 78987} \\ \underline{- 72} \qquad (9 \times 8) \\ 69 \\ \underline{- 64} \qquad (8 \times 8) \\ 58 \\ \underline{- 56} \qquad (7 \times 8) \\ 27 \\ \underline{- 24} \qquad (3 \times 8) \\ \text{Remainder --> } 3 \end{array} $